

# AGV

## Vertical axial flow pump

High flow capabilities with high efficiency

### Industrial applications :

- Irrigation
- Water supply
- Water drainage
- Water level regulation
- Sump drainage
- Flood protection

### Benefits :

- High efficiency
- Propeller design with orientable blades
- Low maintenance activity

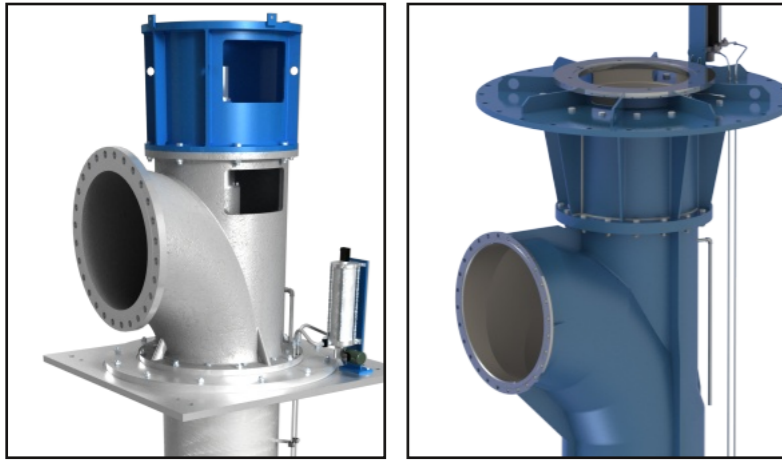


ISO 9001 CERTIFIED GROUP

 **Ensival Moret**  
A Moret Industries Company

## / Design:

- / Propeller type- axial flow pump
- / Heavy duty construction
- / Design offering high efficiency for high flow requirement
- / Discharge Sizes : 300 mm up to 1400 mm.
- / Larger diameter upon request
- / Simple design offers ease of installation and minimum maintenance
- / Construction with the discharge head under or above the base plate available upon request



- / Solid cast steel construction of the pump casing
- / Optimized suction bell (Low NPSH)
- / Flexible sealing system:
  - Shaft sealing by packing rings are standard.
  - Throttle bushing sealing system allowing reduced maintenance
  - Optional mechanical seal available upon request.
- / Column bearings lubricated by the pumped liquid or with an automatic grease lubrication system for slightly dirty product
- / Pump length according customer specifications
- / Suction strainer is optional

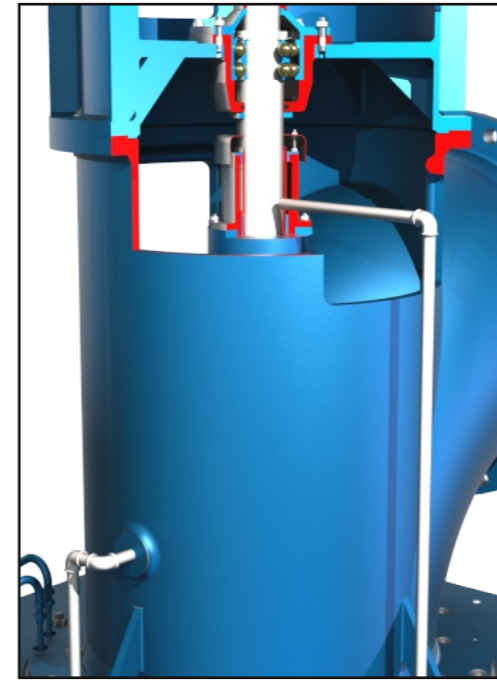
## / Performance:

- / Flow: up to 30,000 m<sup>3</sup>/h (132,100 US gpm)
- / Total head: up to 7 m (26ft)
- / Maximum operating pressure: 6 bar (100 PSI)
- / Operating temperature range:  
from- 40 °C to 180 °C (-202 °F up to 356 °F)
- / Higher flows upon request

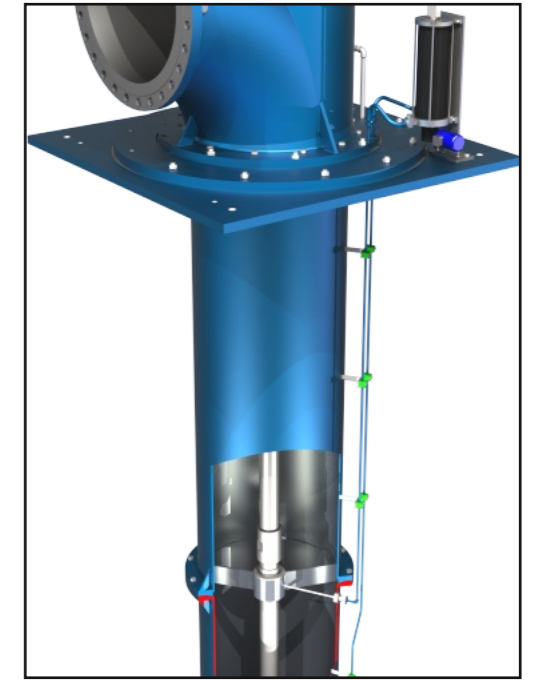
## / Standard materials:

- / Cast iron, steel
- / Austenitic stainless steel, duplex alloys
- / Other materials available upon request: titanium, nickel, monel...

## Design details

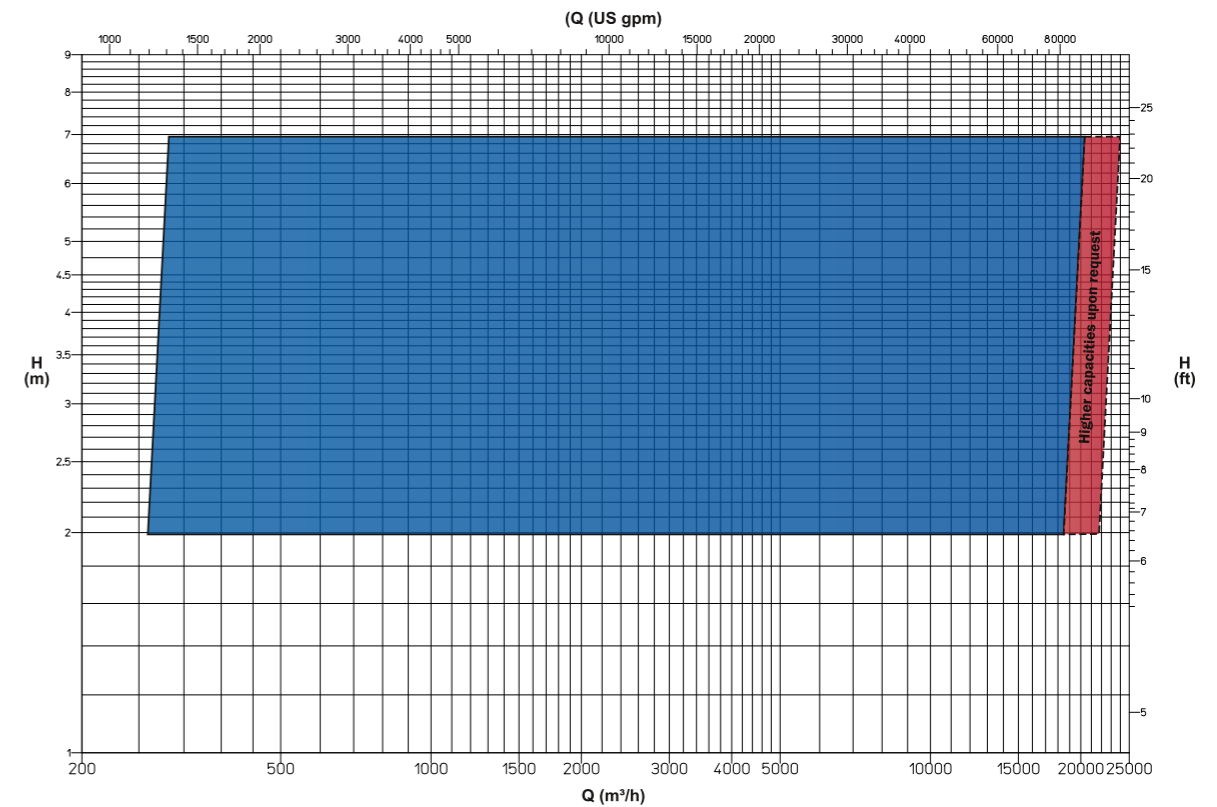


Throttle bushing sealing system



Automatic grease lubrication system

## Performance Range



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